

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Yingian Chen et al. Ser. No: Unknown

Filing Date: December 31, 2003 Examiner: Unknown

Atty. Docket No: K35R1710.C1 GAU: Unknown

For: MAGNETIC HEADS FOR PERPENDICULAR RECORDING WITH
TRAPEZOIDAL POLE TIPS

December 31, 2003

MS Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Information Disclosure Statement per 37 C.F.R. §1.98

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, applicants bring the following documents to the Examiner's attention. Included with this letter is a two-page form PTO-1449 listing twenty-two reference documents. Twenty of the reference documents were considered in the parent application, and copies of the other two reference documents (App. Serial Nos. 60/175,860 and 60/206,872) are enclosed.

Citation of these documents shall not be construed as an admission that the documents are prior art with respect to the instant invention, a representation that a search has been made, or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

Respectfully submitted,

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U. S. Postal Service as Express Mail, Label No. EV406927893US, addressed to MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 31, 2003.

Date: 12-31-03


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U.S. Department of Commerce, Patent and Trademark Office	Application No.
	Filing date: December 31, 2003
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Inventors: Yingjian Chen et al.
	Group Art Unit:
MAGNETIC HEADS FOR PERPENDICULAR RECORDING WITH TRAPEZOIDAL POLE TIPS	Examiner name:
	Attorney Docket No. K35R1710.C1

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date, If Appropriate
	AA	4,423,450	12/27/83	Hamilton	360	111	
	AB	4,751,598	06/14/88	Hamilton	360	110	
	AC	4,970,615	11/13/90	Gau	360	122	
	AD	4,970,616	11/13/90	Ramaswamy	360	122	
	AE	5,126,232	06/30/92	Gau	430	320	
	AF	5,137,750	08/11/92	Amin et al.	427	116	
	AG	5,453,315	09/26/95	Hamilton et al.	428	209	
	AH	5,557,488	09/17/96	Hamilton et al.	360	104	
	AI	5,615,069	03/25/97	Slade et al.	360	126	
	AJ	5,687,046	11/11/97	Mathews	360	126	
	AK	5,737,826	04/14/98	Slade et al.	29	603.15	
	AL	5,949,625	09/07/99	Sato et al.	360	122	
	AM	5,995,341	11/30/99	Tanaka et al.	360	125	

Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AN							
	AO							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	IEEE Transactions on Magnetics article entitled "Off-Track Performance of Thin Film Single Pole Head For Perpendicular Double-Layered Media", by H. Yamada et al., Vol. 34, No. 4, July 1998, pp. 1468-1470.
	AQ	
	AR	
	AS	

Examiner	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office	Application No.: 09/933,508
	Filing date: August 20, 2001
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Inventors: Yingjian Chen et al.
	Group Art Unit: 2651
TRANSDUCERS FOR PERPENDICULAR RECORDING WITH TRAPEZOIDAL POLE TIPS	Examiner name: Unknown
	Attorney Docket No. RR-1710

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date, If Appropriate
	BA	5,999,380	12/07/99	Slade et al.	360	122	
	BB	6,054,023	04/25/00	Chang et al.	204	192.2	
	BC	6,069,775	05/30/00	Chang et al.	360	126	
	BD	6,163,442	12/19/00	Gill et al.	360	317	
	BE	6,504,675	01/07/03	Shukh et al.	360	125	
	BF	60/175,860		Batra			01/12/00
	BG	60/206,872		Shukh et al.			05/24/00
	BH						
	BI						
	BJ						
	BK						
	BL						
	BM						

Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	BN							
	BO							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	BP	
	BQ	
	BR	
	BS	

Examiner

Date Considered

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